zero data
Posted by mrakovan - 2008/08/21 22:26

Hi Shea,

I got all the layers setup fine, the soil_lut file looks fine with numbers, all layers on the same projection, the stream and plane shapefiles look good, precip data seems OK. I ran the KINEROS program and the dbfs are empty and the .csv file is missing in the simulation folder. What am I doing wrong?

Thank you much,

Monica

==========

Re:zero data
Posted by mrakovan - 2008/08/23 14:34

Hi Shea,

I ran the program side by side with the 2.5ft DEM and 10M DEM. The 10M DEM ran just fine but the 2.5 ft DEM did not. The element parameterization did not generate any data for mean elevation, slope, centroids, width and length in the plane discretization data file and downwidth, downdepth, upwidth and updepth in the stream discretization data file. So I suspect the problem maybe related to the 2.5ft DEM. The fdg, facg and str were fine, I also tried changing the size of the pour point, lowering the CSA, increasing the stream threshold but none changed anything. The 2.5 ft DEM is in NAD 1983 HARN State Plane Oh. The files are too large to upload onto this forum because they are big. Any advice?

Thanks much,

Monica

==========

Re:zero data
Posted by isburns - 2008/08/25 19:06

Hi Monica,
It sounds like one or more watershed elements isn't being split successfully by the streams in the discretization process. What version of ArcGIS are you using? This is typically more problematic in ArcGIS 9.0 and 9.1 than in 9.2 because in 9.2 the precision of the geodatabases was increased. To workaround this problem you need to adjust the CSA (usually moving it up is more successful than moving it down) or possibly resampling the DEM to a different resolution.

You should also be aware that the Discretization form assumes the DEM has cell size in meters, so the Acre and Hectare CSAs will be incorrect.

Shea

==========

Re:zero data

Posted by mrakovan - 2008/08/28 23:36

_____

Shea,

I changed the CSA and it worked. The results are much larger than the numbers I got from the 10mDEM. Can the program convert from feet to meter? If not, do you think I can just convert them after simulation?

Thanks again, you have been so helpful!

Monica

==========

Re:zero data

Posted by isburns - 2008/09/21 23:13

_____

Monica,
AGWA can't convert from feet to meters. Reprojecting the DEM a nd redelineating should take care of the units problems and is much simpler and less work than keeping track of where AGWA uses area in calculations and applying the appropriate conversions by hand.

Shea

==========